

**ASSIGNMENT-1**  
**DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020**  
**QUALITY, HEALTH, SAFETY AND ENVIRONMENT**

**Industrial Safety & Industrial Hygiene**

**Maximum : 30 MARKS**  
**Answer ALL Questions**

- Q1)* Hazards.
- Q2)* Work permit.
- Q3)* Hazardous chemicals.
- Q4)* PPE's.
- Q5)* Ergonomics.
- Q6)* Stress free life.
- Q7)* Physical hazards.
- Q8)* PSM.
- Q9)* What are the various types of accidents?
- Q10)* What are the various safety aspects in industry?



**DHSE01**

**ASSIGNMENT-2**  
**DIPLOMA DEGREE EXAMINATION, JUNE/JULY - 2020**  
**QUALITY, HEALTH, SAFETY AND ENVIRONMENT**

**Industrial Safety & Industrial Hygiene**

**Maximum : 30 MARKS**  
**Answer ALL Questions**

- Q1)* Write about extinguishing techniques in protection system.
- Q2)* Mention any four properties of toxic materials.
- Q3)* What are the various risks involved in handling of chemicals?
- Q4)* What are the techniques of handling of flammable materials.
- Q5)* How yoga for life uses to live stress free life? Explain.
- Q6)* State the uses of community health.
- Q7)* Explain the process of overcoming occupational hazards.
- Q8)* Define fire triangle. What are the elements of it?
- Q9)* What are the risks and preventive measures of chemical handling?
- Q10)* What are the performance measurements to measure effectiveness of PSM as per OSHA?



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**DIPLOMA DEGREE EXAMINATION, JUNE/JULY- 2020**  
**QUALITY, HEALTH, SAFETY AND ENVIRONMENT**  
**Construction Safety and Quality Control Management**

**Maximum : 30 MARKS**  
**Answer ALL Questions**

- Q1)* Welding.
- Q2)* Sand Blasting.
- Q3)* Rigging.
- Q4)* Barricade.
- Q5)* Field quality.
- Q6)* Quality control.
- Q7)* SQC.
- Q8)* Six Sigma.
  
- Q9)* What are the control measures in hot works?
  
- Q10)* What are the components of defects?



**DHSE02**

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**QUALITY, HEALTH, SAFETY AND ENVIRONMENT**  
**Construction Safety and Quality Control Management**  
**Maximum : 30 MARKS**  
**Answer ALL Questions**

- Q1)* Explain the usage of ladders.
- Q2)* What are the types of mechanical hazards?
- Q3)* What are the techniques of Evaluation of quality control?
- Q4)* What are the methods of Inspection?
- Q5)* Write about quality control in TQM.
- Q6)* Explain about Taguchi method.
- Q7)* Examine the process of implementation of safety programmes.
- Q8)* Define rigging. Explain various types of rigging activities.
- Q9)* What are the benefits of standardization?
- Q10)* Examine the principles and purpose of acceptance sampling.



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**Occupational Health & Environment**  
**Maximum : 30 MARKS**  
**Answer ALL Questions**

- Q1)* Sound Pollution.
- Q2)* Deforestation.
- Q3)* Occupational diseases.
- Q4)* Environmental preservation.
- Q5)* Health monitoring.
- Q6)* Stress free life.
- Q7)* Work related Injuries.
- Q8)* Soil erosion.
- Q9)* What are the preventive measures of industrial hazards?
- Q10)* What are the sources of noise pollution?



**ASSIGNMENT-2**  
**DIPLOMA DEGREE EXAMINATION,**  
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**QUALITY, HEALTH, SAFETY AND ENVIRONMENT**  
**Occupational Health & Environment**  
**Maximum : 30 MARKS**  
**Answer ALL Questions**

- Q1)* Explain the controlling methods for vibrations in Industries.
- Q2)* What is the purpose of wild life conservation?
- Q3)* What are the types of house keeping?
- Q4)* What is the importance of industrial hygiene?
- Q5)* How land is degraded?
- Q6)* What are the controlling measures of air pollution?
- Q7)* Explain the controlling methods of noise and vibrations from industries.
- Q8)* What are the legal aspects of Industrial hygiene?
- Q9)* Examine the effects of noise and vibration on environment.
- Q10)* What are the principles of First Aid?

